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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Tue May 29 11:17:59 EDT 2007

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Application No: 10561043 Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-24 22:13:03.583
Finished: 2007-05-24 22:13:04.107
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 524 ms
Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 10
Actual SeqID Count: 10

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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SEQUENCE LISTING

<110> GUPTA, ANTJE
ZIMMER, ANKE
BOBKOVÁ, MARIA

<120> OXIDOREDUCTASE FROM PICHIA CAPSULATA

<130> 4838-002

<140> 10561043
<141> 2007-05-24

<150> 10/561,043
<151> 2005-12-16

<150> PCT/EP04/005831
<151> 2004-05-28

<150> DE 103 27 454.5-41
<151> 2003-06-18

<160> 10

<170> PatentIn Ver. 3.3

<210> 1
<211> 1175
<212> DNA
<213> Pichia capsulata

<400> 1

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<210> 2
<211> 366
<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Protein

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20 25 30

Gln Ala Gly Tyr Ile Phe Lys Lys Gly Ala Gly His Ile Val Lys Ala
35 40 45

Glu Val Pro Ile Pro Lys Pro Thr Gly Ala Gln Ser Leu Leu Arg Val
50 55 60

Lys Ala Ala Gly Met Cys His Ser Asp Leu His Val Ile Gly Glu Thr
65 70 75 80

Leu Glu Val Pro Thr Asp Gly Tyr Val Leu Gly His Glu Ile Ala Gly
85 90 95

Glu Leu Val Glu Ile Gly Asp Ser Val Asn Pro Glu Val Phe Lys Val
100 105 110

Gly Gly Arg Tyr Ala Val His Gly Leu Asn Ser Cys Gly Ser Cys Glu
115 120 125

Met Cys Arg Thr Gly His Asp Asn Asp Cys Thr Gly Asn Glu Ser Lys
130 135 140

Trp Tyr Gly Leu Gly Ile Ser Gly Gly Tyr Gln Gln Tyr Leu Leu Val
145 150 155 160

Pro Asn Ser His His Leu Leu Pro Ile Pro Asp Asn Val Ser Tyr Glu
165 170 175

Val Ala Ala Ala Thr Ser Asp Ala Val Leu Thr Pro Tyr His Ala Ile
180 185 190

Lys Asn Ser Gly Val Thr Pro Ser Ser Lys Val Leu Met Phe Gly Leu
195 200 205

Gly Gly Leu Gly Ser Asn Ala Leu Gln Ile Leu Lys Ala Phe Gly Ala
210 215 220

Tyr Val Val Ala Val Asp Val Lys Pro Ala Ser Lys Ala Ile Ala Asp
225 230 235 240

Glu Phe Lys Ala Asp Glu Phe Tyr Thr Asp Ile Ser Gln Ser Ser Trp
245 250 255

Lys Pro Ala Ser Phe Asp Tyr Cys Phe Asp Phe Val Ser Leu Gln Val
260 265 270

Thr Phe Asp Ile Cys Gln Lys Tyr Ile Lys Ser His Gly Thr Ile Phe
275 280 285

Pro Val Gly Leu Gly Ser Ser Lys Leu Thr Phe Asp Leu Gly Asn Leu
290 295 300

Ala	Leu	Arg	Glu	Val	Lys	Ile	Val	Gly	Asn	Phe	Trp	Gly	Thr	Ser	Gln
305					310					315					320

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Gln Val His Thr Thr Glu Leu Glu Asn Leu Pro Glu Ser Leu Glu Lys
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<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

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<212> DNA
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<212> DNA
<213> Artificial Sequence
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<223> Description of Artificial Sequence: Synthetic
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<210> 6
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 6
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<210> 7
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

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<210> 8
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<212> DNA
<213> Pichia capsulata

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gatgggtacg tgctcggtca cggaaatttgc ggtgaatttgg tggagatcgg agactcggtc 240
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gaattctata cccgatatacg ccaatcttct tggaaaccag cctcgtttgc ttactgtttt 720
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<210> 9
<211> 341
<212> PRT

<213> Pichia capsulata

<400> 9

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20 25 30

Ala Gln Ser Leu Leu Arg Val Lys Ala Ala Gly Met Cys His Ser Asp
35 40 45

Leu His Val Ile Gly Glu Thr Leu Glu Val Pro Thr Asp Gly Tyr Val
50 55 60

Leu Gly His Glu Ile Ala Gly Glu Leu Val Glu Ile Gly Asp Ser Val
65 70 75 80

Asn Pro Glu Val Phe Lys Val Gly Gly Arg Tyr Ala Val His Gly Leu
85 90 95

Asn Ser Cys Gly Ser Cys Glu Met Cys Arg Thr Gly His Asp Asn Asp
100 105 110

Cys Thr Gly Asn Glu Ser Lys Trp Tyr Gly Leu Gly Ile Ser Gly Gly
115 120 125

Tyr Gln Gln Tyr Leu Leu Val Pro Asn Ser His His Leu Leu Pro Ile
130 135 140

Pro Asp Asn Val Ser Tyr Glu Val Ala Ala Ala Thr Ser Asp Ala Val
145 150 155 160

Leu Thr Pro Tyr His Ala Ile Lys Asn Ser Gly Val Thr Pro Ser Ser
165 170 175

Lys Val Leu Met Phe Gly Leu Gly Gly Leu Gly Ser Asn Ala Leu Gln
180 185 190

Ile Leu Lys Ala Phe Gly Ala Tyr Val Val Ala Val Asp Val Lys Pro
195 200 205

Ala Ser Lys Ala Ile Ala Asp Glu Phe Lys Ala Asp Glu Phe Tyr Thr
210 215 220

Asp Ile Ser Gln Ser Ser Trp Lys Pro Ala Ser Phe Asp Tyr Cys Phe
225 230 235 240

Asp Phe Val Ser Leu Gln Val Thr Phe Asp Ile Cys Gln Lys Tyr Ile
245 250 255

Lys Ser His Gly Thr Ile Phe Pro Val Gly Leu Gly Ser Ser Lys Leu
260 265 270

Thr Phe Asp Leu Gly Asn Leu Ala Leu Arg Glu Val Lys Ile Val Gly
275 280 285

Asn Phe Trp Gly Thr Ser Gln Glu Gln Ile Glu Ala Met Glu Leu Val
290 295 300

Ser Ser Gly Arg Val Lys Pro Gln Val His Thr Thr Glu Leu Glu Asn
305 310 315 320

Leu Pro Glu Ser Leu Glu Lys Leu Glu Glu Gly Lys Ile Asn Gly Arg
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Leu Val Met Leu Pro
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<210> 10
<211> 12
<212> PRT
<213> *Pichia capsulata*

<400> 10
Lys Thr Gln Ala Gly Tyr Ile Phe Lys Lys Gly Ala
1 5 10